

We Claim:

1. A method for communicating between a control center and components in a mobility network, comprising:
 - from a control center, determining a component on the mobility network to perform an operation on or request information from; and
 - using a control channel to communicate with the component to perform the operation or to request the information.
2. The method of claim 1, wherein the component is a repeater.
3. The method of claim 1, further including inserting address information of the component into a message sent to the component to perform the operation or to request the information.
4. An apparatus for communicating between a control center and components in a mobility network, comprising:
 - a control center;
 - a mobile network coupled to the control center;
 - multiple components coupled to the mobile network through communication channels; and
 - wherein the control center can communicate with one or more of the multiple components by using the communication channels.
5. The apparatus of claim 4, wherein the communication channels includes a control channel.
6. The apparatus of claim 4, wherein the components are repeaters.
7. The apparatus of claim 4, wherein the communication channels are used for communicating information from sources other than the control center.
8. The apparatus of claim 4, wherein the mobile network includes a mobile

switching center, a base station controller, and multiple base stations.

9. The apparatus of claim 4, wherein the communication channels consist of a broadcast channel that broadcast information to multiple components

5 simultaneously.

10. The apparatus of claim 9, wherein the broadcast channel includes a control channel and traffic channels.

10 11. An apparatus for communicating between a control center and components in a mobility network, comprising:

means for monitoring multiple repeaters in the mobility network; and

means for transmitting information between the repeaters and the means for monitoring using broadcast channels.

15

12. The apparatus of claim 11, wherein the means for transmitting includes inserting a repeater address into a message on the broadcast channel to address a desired repeater.

20 13. The apparatus of claim 11, wherein the broadcast channels include a control channel.

14. An apparatus for communicating between a control center and components in a mobility network, comprising

25 a control center;

a base station controller coupled to the control center;

a donor base station coupled to the base station controller;

multiple repeaters coupled in parallel to the donor base station, the coupling including multiple broadcast channels;

30 wherein communications between the control center and the repeaters occurs by using a repeater address in association with a message on one of the broadcast channels.

15. The apparatus of claim 14, wherein the broadcast channel consists of a control channel.

Pat. & Copyright © 2003 by Intel Corp.